

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claims 1-28 (Canceled)

Claim 29 (Currently Amended): A process to inhibit the formation of scale in a water system at both high ~~(e.g. wellhead [()])~~ and low ~~(e.g. seabed [()])~~ temperatures comprising ~~the~~ a step of adding to the water system ~~of~~ a scale inhibiting amount of a composition comprising:

(a) a copolymer of an unsaturated phosphonic acid ~~[(())]~~ or a salt of such an acid ~~[(())]~~ with an unsaturated sulphonic acid ~~[(())]~~ or a salt of such an acid ~~[(())]~~ or an unsaturated carboxylic acid ~~[(())]~~ or a salt of such an acid ~~[(())]~~; or

(b) a terpolymer of an unsaturated phosphonic acid ~~[(())]~~ or a salt of such an acid ~~[(())]~~ with an unsaturated sulphonic acid ~~[(())]~~ or a salt of such an acid ~~[(())]~~ and an unsaturated carboxylic acid ~~[(())]~~ or a salt of such an acid, ~~[(())]~~

wherein the system water temperature at a wellhead is in the range of 80-200°C and a seabed temperature is below 40°C, and

wherein the formation of scale in the water system is inhibited at both the wellhead and seabed temperatures.

Claim 30 (Canceled)

Claim 31 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylphosphonic acid (~~VPA~~) ☐ or a salt thereof ☐ and vinylsulphonic acid (~~VSA~~) ☐ or a salt thereof ☐.

Claim 32 (Currently Amended): The process according to claim 29, wherein the composition comprises a 1:20 copolymer of vinylphosphonic acid ~~VPA~~ and vinylsulphonic acid ~~VSA~~.

Claim 33 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylphosphonic acid ~~VPA~~ ☐ or a salt thereof ☐ and acrylic acid (~~AA~~) ☐ or a salt thereof ☐ or methacrylic acid (~~MAA~~) ☐ or a salt thereof ☐.

Claim 34 (Currently Amended): The process according to Claim 29, wherein the composition comprises a copolymer of vinylidene-1,1-diphosphonic acid (~~VDPA~~) ☐ or a salt thereof ☐ and acrylic acid ~~AA~~ ☐ or a salt thereof ☐ or methacrylic acid ~~MAA~~ ☐ or a salt thereof ☐.

Claim 35 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylidene-1,1-diphosphonic acid ~~VDPA~~ ☐ or a salt thereof ☐ and vinylsulphonic acid ~~VSA~~ ☐ or a salt thereof ☐.

Claim 36 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylphosphonic acid ~~VPA~~ ☐ or a salt

thereof **[( )]**, acrylic acid AA **[( )]** or a salt thereof **[( )]** and vinylsulphonic acid VSA **[( )]** or a salt thereof **[( )]**.

Claim 37 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylphosphonic acid VPA **[( )]** or a salt thereof **[( )]**, methacrylic acid MAA **[( )]** or a salt thereof **[( )]** and vinylsulphonic acid VSA **[( )]** or a salt thereof **[( )]**.

Claim 38 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylidene-1,1-diphosphonic acid VDPA **[( )]** or a salt thereof **[( )]**, acrylic acid AA **[( )]** or a salt thereof **[( )]** and vinylsulphonic acid VSA **[( )]** or a salt thereof **[( )]**.

Claim 39 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylidene-1,1-diphosphonic acid VDPA **[( )]** or a salt thereof **[( )]**, methacrylic acid MAA **[( )]** or a salt thereof **[( )]** and vinylsulphonic acid VSA **[( )]** or a salt thereof **[( )]**.

Claim 40 (Currently Amended): The process according to claim 29, wherein in the composition ~~any~~ the salt of the phosphonic acid, sulphonic acid or carboxylic acid is a wholly-neutralised or partially-neutralised salt.

Claim 41 (Previously Presented): The process according to claim 40, wherein the salt is a sodium salt, a potassium salt or an ammonium salt.

Claim 42 (Currently Amended): The process according to claim 29, wherein the amount of the composition is up to 1000 ppm, ~~optionally from 1 ppm to 200 ppm.~~

Claim 43 (Canceled)

Claim 44 (Canceled)

Claim 45 (Previously Presented): The process according to claim 29, wherein the water system is operatively associated with an oilfield or oil-well.

Claims 46 - 52 (Canceled)

Claim 53 (New): The process according to claim 29, wherein the amount of the composition is from 1 ppm to 200 ppm.